

# SAFETY AND INSTALLATION INSTRUCTIONS



## HIGH EFFICIENCY AIR CLEANER

Nobody Makes Clean Air Easier®

MODELS 2200 & 2400

### READ INSTRUCTIONS BEFORE BEGINNING INSTALLATION

- WARNING:**
1. 120/220 volts may cause serious injury from electrical shock. Disconnect power to the furnace/air conditioner before starting installation.
  2. Sharp edges may cause injury from cuts. Use care when cutting and handling sheet metal.

**CAUTION:** To prevent component failure, do not install the Aprilaire Air Cleaner on the warm air supply or in an area where the temperature may exceed 180°F. This may include areas above heat exchangers in downflow furnaces or above exhaust flues in lowboy furnace cold air returns.

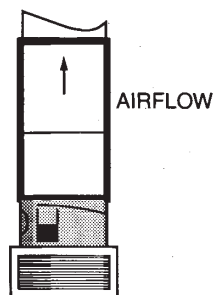
#### IMPORTANT:

- The Model 2200 and 2400 Aprilaire Air Cleaners are designed for systems with airflow up to 2000 cfm. Follow the furnace manufacturer's recommendations for the number of return air plenums and install one Aprilaire Air Cleaner in each.
- The air cleaner can be installed horizontally, vertically, or at an angle depending on furnace type. See Figures 1, 2, 3, and 4 on reverse side for orientation with various types of applications. Note airflow direction arrows on inner assembly and outer housing.
- Allow 26" clearance in front of the Model 2200 and 29" in front of the Model 2400 for media replacement.
- Figure 5 shows the dimensions for both air cleaners. If a transition duct is required, see figure 4 for recommended duct angles.

#### INSTALLATION:

1. **Please leave literature packet with homeowner.**
2. Remove pleat spacers and media carton.
3. Remove air cleaner door and pull inner assembly out of outer housing.
4. Turn off furnace/air conditioner.
5. Remove existing filter and thoroughly clean the blower and blower compartment.
- 6a. (Side mount only) With airflow label in proper direction, attach outer housing to furnace/air conditioner and seal connection. Attach duct work to inlet side of air cleaner and seal connection.
- 6b. (Bottom mount only) With airflow label in proper direction, attach air cleaner to platform and seal connection. Mount furnace/air conditioner on top of air cleaner housing and seal connection.
7. Install the media using the instructions on the media carton.
8. Insert the inner assembly into the outer housing and replace door.
9. Return power to the furnace/air conditioner.

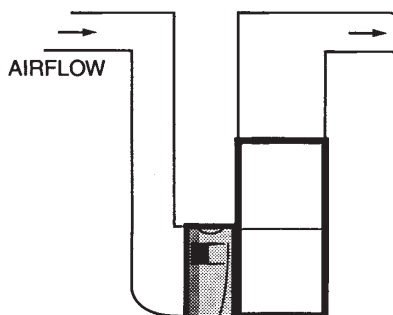
**FIGURE 1**  
Upflow Closet Installation  
(Model 2400 Recommended)



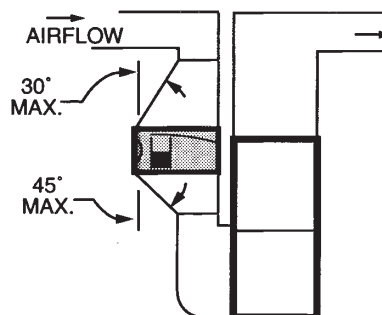
**FIGURE 2**  
Horizontal Installation



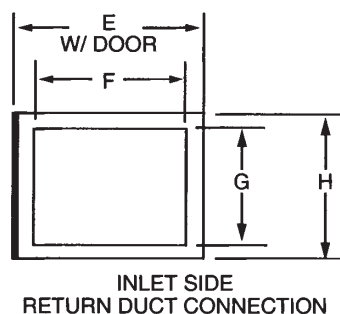
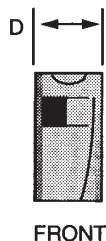
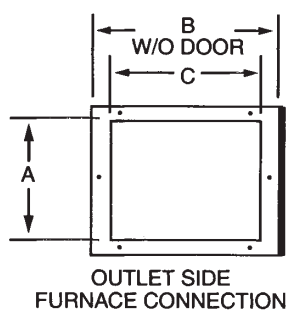
**FIGURE 3**  
Highboy Installation



**FIGURE 4**  
Highboy with Transition



**FIGURE 5**  
Models 2200/2400



DIMENSIONS								
MODEL	A	B	C	D	E	F	G	H
2200	19-3/4	25-3/8	21-15/16	10	26-7/8	21-3/16	19-3/4	22-1/16
2400	15-7/16	28-1/16	24-5/8	10	29-9/16	23-7/8	15-7/16	17-3/4



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